

## LICENSING CONTACT

Technology  
Commercialization  
Office 2549 Hatch Ave.  
Fayetteville, AR 72704  
Phone: 479-575-3953  
agritco@uada.edu

## TECHNICAL CONTACT/ PLANT BREEDER

Dr. Margaret  
Worthington  
Horticulture Department  
PTSC 316  
Fayetteville, AR 72701  
mlworthi@uark.edu

## LICENSE AVAILABILITY

Non-exclusive licenses  
available in the United  
States

## INTELLECTUAL PROPERTY STATUS

United States Plant  
Patent to be filed in  
2024

## OZARK MANGO™ Nectarine

OZARK MANGO™ is a new, yellow-fleshed, standard-acid nectarine released in 2023 by the University of Arkansas System Division of Agriculture (UADA). It has firm, non-melting flesh, exceptionally good flavor, and good storage potential. It is intended for fresh market use and is adapted to Arkansas and similar climates. Testing was conducted at the UADA Fruit Research Station (FRS) located in Clarksville, AR.

**Flavor** – Fruit of OZARK MANGO™ has exceptional flavor with distinct tropical aromatics. Flavor ratings were higher than comparison cultivars from the UADA program. Soluble solids are high, averaging 15%. Acidity is medium-high, similar to Arrington, Bowden, and Westbrook.

**Color** – Attractive yellow-orange flesh without red flecking or discoloration. Average estimated blush was 63%.

**Fruit size** – Average fruit size of 145 g. Larger than Arrington and Westbrook, but smaller than Amoores Sweet, Bowden, Bradley, and Effie.

**Texture** – Firm, crisp, non-melting flesh.

**Postharvest storage potential** – Consistently good postharvest storage results. Maintained acceptable flesh color, quality and taste over four weeks of cold storage. Should have value for the retail shipping market as well as local markets.

**Flowering date** – Average full bloom date of 20 March at FRS. Comparable to other UA nectarine cultivars.

**Ripening date** – Average first harvest date of 1 July at FRS. OZARK MANGO™ ripens with Bradley, 5 days earlier than Bowden and Amoores Sweet, and 15 days later than Westbrook.

**Chilling requirement** – Not determined, but likely 600-800 hours below 45 °F based on observations of budbreak and bloom in comparative plantings with test cultivars of known chill requirement.

**Disease Resistance** – Moderate fruit and leaf resistance to bacterial spot.

**Crop load and Vigor** – OZARK MANGO™ trees budded on Guardian® rootstock received good ratings for vigor and overall tree health. Crop load ratings and yield were comparable to comparison cultivars from the UADA program.

